

CLAIMS

- 1 1. A data processing apparatus comprising:
2 input means for inputting content description data
3 describing a plurality of segments in which each of said
4 plurality of segments represents a scene of media content
5 constituted by a plurality of scenes, and scores that are
6 attribute information of the media contents representing a
7 viewpoint represented by at least one keyword describing scenes,
8 the scores also representing degree of relative importance of
9 each of plurality of segments based on the viewpoint; and
10 selection means for selecting one of said plurality of
11 segments based on the viewpoint and/or the scores.

- 1 2. The data processing apparatus according to claim 1, wherein
2 said plurality of segments are hierarchically described.

- 1 3. The data processing apparatus according to claim 1, wherein
2 the content description data includes supplemental information.

- 1 4. The data processing apparatus according to claim 1, wherein
2 the media content corresponds to video data and/or audio data.

- 1 5. The data processing apparatus according to claim 1, wherein
2 each of said plurality of segments is provided with linkage

information for linking to dominant data that represents said segment.

6. The data processing apparatus according to claim 5, wherein the dominant data is text data, image data and/or audio data.

7. The data processing apparatus according to claim 1, wherein a plurality of sets of the viewpoint and the scores are described in one segment.

8. The data processing apparatus according to claim 2, wherein a plurality of sets of the viewpoint and the scores are described in one segment.

9. A data processing method comprising the steps of:
inputting content description data describing a plurality of segments in which each of said plurality of segments represents a scene of media content constituted by a plurality of scenes, and scores that are attribute information of the media contents representing a viewpoint represented by at least one keyword describing scenes, and the scores also representing degree of relative importance of each of said plurality of segments based on the viewpoint; and
selecting one of said plurality of segments based on the viewpoint and/or the scores.

1 10. The data processing method according to claim 9, wherein
2 said plurality of segments are hierarchically described.

1 11. The data processing method according to claim 9, wherein the
2 content description data includes supplemental information.

1 12. The data processing method according to claim 9, wherein the
2 media content corresponds to video data and/or audio data.

1 13. The data processing method according to claim 9, wherein
2 each of said plurality of segments is provided with linkage
3 information for linking to dominant data that represents said
4 segment.

1 14. The data processing method according to claim 13, wherein
2 the dominant data is text data, image data and/or audio data.

1 15. The data processing method according to claim 9, wherein a
2 plurality of sets of the viewpoint and the scores are described
3 in one segment.

1 16. The data processing method according to claim 10, wherein
2 a plurality of sets of the viewpoint and the scores are described
3 in one segment.

1 17. A data processing apparatus comprising:

2 input means for inputting content description data
3 describing a plurality of segments in which each of said
4 plurality of segments represents a scene of media content
5 constituted by a plurality of scenes that are marked off by time
6 according to scene boundary, and scores that are attribute
7 information of the media contents representing time information
8 describing scene boundaries, a viewpoint represented by at least
9 one keyword describing scenes, and the scores also representing
10 degree of relative importance of each segment based on the
11 viewpoint; and

12 selection means for selecting one of said plurality of
13 segments based on the viewpoint and/or the scores.

1 18. The data processing apparatus according to claim 17, wherein
2 said plurality of segments are hierarchically described.

1 19. The data processing apparatus according to claim 17, wherein
2 the content description data includes supplemental information.

1 20. The data processing apparatus according to claim 17, wherein
2 the media content corresponds to video data and/or audio data.

1 21. The data processing apparatus according to claim 17, wherein
2 each of said plurality of segments is provided with linkage

1 information for linking to dominant data that represents said
2 segment.

1 22. The data processing apparatus according to claim 21, wherein
2 the dominant data is text data, image data and/or audio data.

1 23. The data processing apparatus according to claim 17, wherein
2 a plurality of sets of the viewpoint and the scores are described
3 in one segment.

1 24. The data processing apparatus according to claim 18, wherein
2 a plurality of sets of the viewpoint and the scores are described
3 in one segment.

1 25. The data processing apparatus according to claim 17, wherein
2 the time information includes starting time and ending time of
3 each scene.

1 26. The data processing apparatus according to claim 17, wherein
2 the time information includes starting time and duration time of
3 each scene.

1 27. A data processing method comprising the steps of:
2 inputting content description data describing a plurality
3 of segments in which each of said plurality of segments
4 represents a scene of media content constituted by a plurality

5 of scenes that are marked off by time according to scene
6 boundary, scores that are attribute information of the media
7 contents representing time information describing scene
8 boundaries, a viewpoint represented by at least one keyword
9 describing scenes, and the scores also representing degree of
10 relative importance of each of said plurality of segments based
11 on the viewpoint; and

12 selecting one of said plurality segments based on the
13 viewpoint and/or the scores.

1 28. The data processing method according to claim 27, wherein
2 said plurality of segments are hierarchically described.

1 29. The data processing method according to claim 27, wherein
2 the content description data includes supplemental information.

1 30. The data processing method according to claim 27, wherein
2 the media content corresponds to video data and/or audio data.

1 31. The data processing method according to claim 27, wherein
2 each of said plurality of segments is provided with linkage
3 information for linking to dominant data that represents said
4 segment.

1. 32. The data processing method according to claim 31, wherein
2 the dominant data is text data, image data and/or audio data.

1 33. The data processing method according to claim 27, wherein
2 a plurality of sets of the viewpoint and the scores are described
3 in one segment.

1 34. The data processing method according to claim 28, wherein
2 a plurality of sets of the viewpoint and the scores are described
3 in one segment.

1 35. The data processing method according to claim 27, wherein
2 the time information includes starting time and ending time of
3 each scene.

1 36. The data processing method according to claim 27, wherein
2 the time information includes starting time and duration time of
3 each scene.